



10 April 2013

Ms. Kelly Manheimer
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

**Re: March 2013 Monthly Progress Report (electronic submittal)
North Hollywood Operable Unit, Second Interim Remedy, Groundwater Remediation Design**

Dear Ms. Manheimer:

Attached is the March 2013 monthly progress report for the North Hollywood Operable Unit (NHOU), pursuant to the Administrative Settlement Agreement and Order on Consent for Remedial Design (RD-AOC) for the North Hollywood Operable Unit (NHOU).

Please contact me at (510) 663-3996 if you have questions regarding this submittal.

Sincerely,

AMEC Environment & Infrastructure, Inc.

A handwritten signature in blue ink, appearing to read "Michael Taraszki".

Michael Taraszki, PG, CHG, PMP
Project Manager

A handwritten signature in blue ink, appearing to read "Robert Hartwell". Below the signature, the text "For Robert Hartwell with permission" is printed in a small font.

Robert Hartwell, PE
Engineering Manager

MT/gm

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Distribution:

Ms. Carolyn Monteith (Lockheed Martin)
Mr. Benny Dehghi (Honeywell)
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Mr. Larry Moore (RWQCB-LA)
Mr. Richard Slade (ULARA Watermaster)
Mr. John Lindquist (CH2M Hill)



MARCH 2013 NHOU PROGRESS REPORT

Activities Completed for the Report Period

- Reviewed the draft Groundwater Management Plan provided by the EPA on March 7.
- Access agreements status:
 - Hosted teleconference calls on March 7 and March 14 with LADWP to initiate review of AMEC's draft license agreement for installing piezometers and performing three aquifer tests; no feedback from LADWP since March 14.
 - Draft license agreement for installing PZ-NHE-03 under review by private property owner.
 - Well 4909F: Vulcan Materials has not permitted access to this well; we have reiterated our requests for their schedule to install the replacement well.
 - Well 4928A: maintained communications with EPA regarding Los Angeles County access to this well to analyze a sample for all NHOU COCs.
- Informed EPA on March 13 that cluster monitoring wells NH-C02 are not accessible due to the recent repaving of Cahuenga Street; whether or when these wells will become accessible is not known.
- Received request from EPA on March 20 for AMEC to attempt to push the submersible pump stuck in NH-C05-320 downward to the well bottom.
- Conducted second quarterly monitoring event of groundwater depths in the NHOU study area.
- Continued with evaluation of first semi-annual sampling event of the Phase 1 Pre-Design Investigation.
- Hosted teleconference call with EPA on March 1 to discuss options to remove submersible pump stuck in well NH-C05-320.
- Submitted data validation reports for laboratory analytical data to EPA for samples collected as part of the Phase 1 Pre-Design Investigation, pursuant to the AOC.
- Hosted teleconference call with EPA on March 21 to discuss the Phase 1 Pre-Design Investigation and the overall project schedule.

Issues and Corrective Actions

- Los Angeles County has denied our requests to access well 4928A or to allow collection of a split sample so that all NHOU COCs (including hexavalent chromium and 1,4-dioxane) could be evaluated. EPA has been notified previously and we understand they will contact LA County to discuss the situation and develop an appropriate corrective action.
- On September 21, 2012, Vulcan Materials denied our August 6, 2012 request to sample well 4909F and requested that we wait for its replacement well to be installed and sample it instead. AMEC will continue to review the situation with EPA.

Anticipated Activities for the Next Six Weeks

- Submit comment letter to the EPA regarding the draft Groundwater Management Plan.
- Provide our plans to the EPA to address their request to move the pump stuck at well NH-C05-320.



- Continue discussions with LADWP regarding a license agreement to install piezometers on LADWP property and perform aquifer tests at three NHOU extraction wells.
- Complete access agreement with private land owner for PZ-NHE-03.
- Maintain communications with EPA to discuss the project schedule and to review the status of the Pre-Design Investigation.

Unresolved Issues/Potential Impacts to Schedule/Work Plan

- Successfully developing a Groundwater Management Plan that meets the institutional controls required by the Record of Decision is of critical importance to proceeding with Second Interim Remedy design activities.
- Access agreements to private well owners' properties may require EPA assistance to ensure groundwater monitoring data are obtained from monitoring wells included in the Phase 1 Pre-Design Investigation Work Plan. Delays in establishing access agreements may result in revision of the schedule for groundwater monitoring and/or drilling. EPA support will be requested if required.
- LADWP has indicated that agreement to a license for installing piezometers and performing aquifer tests to fill a critical data gap will take six to eight months, which will directly impact the project schedule. Discussions with LADPW and EPA are ongoing.
- Sampling scheduled for cluster monitoring wells at the NH-C02 location cannot proceed until the recently paved over wellheads are re-exposed by the City.
- Removal of submersible pumps from EPA-owned monitoring wells and development of communication plan took longer than expected. Phase 1 Pre-Design Investigation field schedule has been revised accordingly, but the overall project schedule will not be substantively affected. Resuming attempts to remove/move the pump stuck at NH-C05-320 will take into consideration lessons learned while removing pumps from other EPA-owned monitoring wells.